

**Bibliographic Information**

**Stabilization of rosin emulsion sizes with graft cationic starches.** Yamada, Hideto; Harada, Taro. (Seiko Kagaku Kogyo Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho (1994), 6 pp. CODEN: JKXXAF JP 06173191 A2 19940621 Heisei. Patent written in Japanese. Application: JP 92-349863-19921202. CAN 122:136532 AN 1995:200398 CAPLUS (Copyright 2005 ACS on SciFinder (R))

**Patent Family Information**

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 06173191	A2	19940621	JP <u>1992-349863</u>	19921202
JP 3221949	B2	20011022		

**Priority Application**

JP 1992-349863	19921202
----------------	----------

**Abstract**

The title starch compds. are obtained by grafting cationic starches with vinyl monomers contg. (meth)acrylamides. Heating an oxidized starch with water contg. NaOH and glycidyltrimethylammonium chloride, neutralizing with H<sub>2</sub>SO<sub>4</sub> to pH 4.5 then heating with acrylamide and dimethylaminopropylacrylamide in the presence of persulfate gave a graft copolymer. A size compn. contained the graft copolymer, a fortified rosin size and an emulsifier.